

# Automobile News and Gossip

## SPEED KINGS TO RACE ON SCREEN

Autoists and Motorcyclists Looking Forward to "Motor Show."

### FILMS PRIVATE PROPERTY

Entertainment Under Auspices of National Capital Motorcycle Club at Columbia Theater.

The "Motor Show," a gigantic auto and motorcycle movie play to be given at the Columbia Theater on March 14, under auspices of the National Capital Motorcycle Club, will be an event unique in the city's motor history in a great many ways. Planned originally as an entertainment feature, it has developed into what will probably be a means of imparting considerable knowledge to the Washington motorists. As now planned, the show will consist of four parts, each distinct and of interest to all motor lovers.

#### Will Show Great Races.

Part two will show the commercial automobile in all its phases of development. The committee of the club in charge of the event has been promised the use of a reel of films showing a motor truck under test for the United States government. During this test the truck performs feats seemingly impossible for any machine built by the human hand.

Part three will be devoted to the pleasure and utility automobile. Naturally, this will be a large feature of the show and there are in sight so many desirable reels of films to be shown in this part of the show that very careful selection will be necessary in order to secure only the very best material. Naturally, the club having no trade connections, will favor no particular manufacturer and will consider only the films which are of the very highest class.

Part four will be a fitting climax to the show, consisting of a carefully selected individual collection of the most famous and most interesting automobile and all-motor sports which have taken place in the United States and Europe in the past few years. This collection is the property of a member of the club and he has been most generous in lending such features as the Montclair classic at Tacoma, Wash.; the long-distance road race held at Angers, France; the 30-mile race held at Dayton, Ill.; the 100-mile free-for-all at Brighton Beach, N. Y.; the 100-mile race at Galesburg, Ill.; the 200-mile race at Corona, Cal.; in which all world records were smashed; and the 100-mile road race at Springfield, Ill. These races will feature such drivers as Earl Cooper, Bob Burman, Ralph Mulford, Ralph de Palma, and other famous drivers.

#### Sale Starts March 8.

There will also be shown the wonderful thrilling pictures of the San Diego Cal. to Phoenix, Ariz., 400-mile road race over the Sierra Mountains and the Great American Desert won by Barney Oldfield. The club committee has also made arrangements to secure films of the Vanderbilt Cup and other contests now being held in California.

The entire staff of the Columbia Theater, including the full theater orchestra, has been engaged for the occasion, and patrons will be assured of courteous attention. All seats will be reserved and will be on sale only at the box office of the theater. The advance sale will commence March 8.

C. C. Hanch, treasurer of the Nordyke & Marmion Co., Indianapolis, has resigned from that company to become assistant to Vice President R. R. Erskine, of the Studebaker corporation.

Timken adjustable taper bearings are sold to Studebaker in larger quantities than to any one else. There are thirteen Timken bearings in every Studebaker car.

### WHEN YOU COME TO Chicago

Stop at the Auditorium Known the world over

On Michigan Avenue, Chicago's most attractive boulevard. Unobstructed view of Grant Park and Lake Michigan. Unrivaled as a Summer and Winter hotel. Within five minutes walk of Federal Building, the leading shopping and business center. Recent improvements make the hotel exceeding \$300,000.

#### Room Rates

Single Room with bath and private entrance, \$1.50, 2.00 and 2.50 per day.  
Double Room with bath and private entrance, \$2.50, 3.00 and 4.00 per day.  
Single Room with bath but no private entrance, \$1.00, 1.50, 2.00 and 2.50 per day.  
Double Room with bath but no private entrance, \$1.50, 2.00, 2.50 and 3.00 per day.  
BATHS: 100, 150, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000.  
W. S. Shafer, Manager

## THINGS THE MOTORIST WANTS TO KNOW

By E. J. BLACK

### TRAFFIC REGULATIONS.

Always try to turn at the corners of the intersecting street and not in the center of the block. It may be a little out of your way to do this, but it will enable one to turn in safety without bothering others.

#### Resistance Wire.

The shunt switch by means of which the current is turned on to starting motor has a resistance wire which cuts down the force while the gears are being thrown into mesh and this resistance wire frequently burns out and causes trouble. By winding the wire around a roll of asbestos paper so that the coils will not touch each other, the chances for trouble of this kind will be reduced to a minimum.

#### Inserting Inner Protectors.

It is very important that the inside surface of the castings should be well cleaned with gasoline before inserting inner protectors. If this is not done the surfaces will not adhere uniformly and the protector will crumble up and destroy the inner tube.

#### Rim Sticking.

Tires should not be allowed to stick to the rims. A certain amount of slip and give will enable you to get much more mileage than when the tires are stuck fast to the rim.

#### Wheels that Wobble.

A skid against a curb or a quick turn in a rut may spring a wheel out of true and result in a wobble which will cause irregular and rapid wear on the tire. This will often

#### explain complaints of "a very poor tire."

#### A Useful Thing.

A ten-yard spool of surgeon's rubber adhesive plaster, two inches wide will serve many useful purposes. It will patch an inner tube, repair a small blowout, make a temporary fan belt, repair a gasoline leak, insulate a wire connection, stop a radiator leak, silence a rattle of the wind shield, repair a broken cold-water window, strengthen the fabric of a stone bruise, and lovingly protect a skinless portion of human anatomy.

#### Battery Replenishment.

The proper time to add distilled water to your storage battery is at the end of a run when the battery has a full charge.

#### Destructive Strain.

Letting the clutch in suddenly to get a push in overcoming road obstructions, such as mud or snow, puts a destructive strain on the parts between the engine and drive wheels.

#### Hard Grease—Too Hard.

The grease in the differential case may be rendered too hard by cold weather so that it accumulates on the walls of the case and does not lubricate the gears as they should be.

"The new year brings with it a national trade revival that will be felt in all branches of our industrial life."—John N. Willys.



## PAIGE DEALERS DINED AT EXHIBITS IN WEST

Sales Manager Krohn Reports on Enthusiasm at Omaha and Kansas City.

Numerous automobile shows have been held this month at different points throughout the country, several of the larger and more important exhibits being in Western cities. Reports from these shows indicate very clearly that the same enthusiasm and confidence, the same practical results in the moving of cars that marked the shows at New York, Detroit and Chicago characterized the exhibits held elsewhere, thus testifying to the sound condition of the industry.

Henry Krohn, sales manager of the Paige-Detroit Motor Car Company, has been making an extended trip covering these various automobile shows and has just returned to Detroit from the West. Among the big shows Mr. Krohn attended were those held at Omaha and Kansas City, where the results were especially good.

"From our own viewpoint," said Mr. Krohn, "the shows have been especially encouraging and profitable, and I can report the greatest enthusiasm among our Paige distributors and dealers. Following our custom to take advantage of these shows to get Paige men together for social and business purposes, Paige dinners were held at each city during the show period. At Omaha we had 175 Paige dealers at our dinner and 128 at Kansas City. Enthusiasm ran high and I found our representatives in the field so thoroughly pleased with the new Paige 'Six-40' and the Glenwood '28' and with the demand for these cars that I was more than satisfied our previous prediction of a record-breaking season would be fully realized. In these sections business is not about to pick up, it has already swung into its stride.

"At Omaha special attention was attracted to the Paige in a unique manner. The management of the Henshaw, the largest hotel in the city, removed a large section of the plate glass window in the front of the lobby and showed

moving pictures of the Paige and the Paige factory during the entire show week. This was easily the big feature and aroused an extraordinary amount of interest."

## TELEPHONE COMPANY ORDERS 220 INDIANS

Indication of Returning Business Confidence and Prosperity Recommendation of Machine.

Constituting the largest single commercial motorcycle order ever placed, the recent purchase of 220 Indian motorcycles by the New York Telephone Company is a remarkable tribute to the efficiency of the gasoline cycle in telephone service.

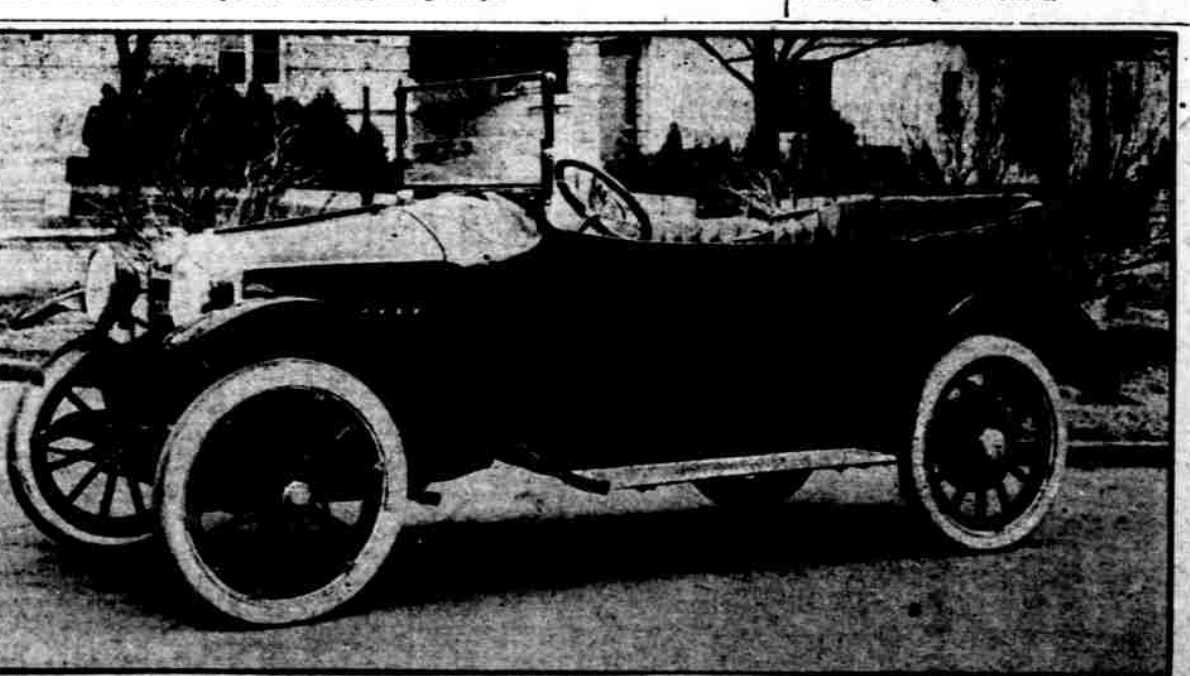
It is no secret that the motorcycle has permanently established itself as an essential unit of the telephone companies' plant departments and the sales of machines to telephone companies have been steadily increasing.

Another very significant phase of this record-breaking contract is the returning prosperity it forecasts. Not only is it a desirable piece of business landed by the Hendee Manufacturing Company, but it indicates a loosening of the purse strings of great corporations for new equipment.

The constant high efficiency, which the public demands of the telephone service, forces the company to subject its motorcycle trouble squad to extremely hard usage in all weathers in locating and removing service interruptions, and to occur unexpectedly over a large territory.

Having been a large user of motorcycles for several years, the New York Telephone Company has compiled elaborate and accurate maintenance records, which show that its motorcycles are being operated at less than 1 cent per mile. It, therefore, was an excellent position to appraise values, and its selection of the Indian exclusively constitutes another recommendation by big business.

It requires sixty days for a Studebaker automobile body to go through the finishing shops.



THE NEW DETROITER.

1915 Detroliter "4," which is being shown for first time in Washington by the Smith Motor Sales Company at 1823 14th Street Northwest.

## POWER OF GUNS IN NEW STEEL

Part of the German Methods Gained in U. S., Peerless Official Says.

### AUTOS BENEFITED, TOO

Machines and Cannon of Old Material Could Not Stand War Strains, He Asserts.

The two most conspicuous features of the European war are the big caliber gun and the military motor vehicle. The big cannon and military motor car are possible only because, through the extremely high development of the heat treatment of alloy steels, it is possible to produce materials that will withstand the enormous stresses to which the parts of both cannon and motor cars are submitted in the terribly severe work they are called upon to do.

"We do not, of course, know the actual dimensions of the big German forty-two-centimeter gun," says R. L. Abbott, chief metallurgist of the Peerless Motor Car Company, of Cleveland, and pioneer investigator in the motor car steel field, "but we know enough of its destructive powers to guess at the weight of the projectile it throws and the range it covers. The pressure that this gun is called upon to withstand must be simply astounding and the movement of the projectile through the rifled barrel of the gun certainly calls for material that has the ability to retain its structure under temperatures suddenly raised to an enormous point.

#### German Visited Laboratory.

"All drivers know something of the shocks that motor cars are called upon to withstand in ordinary use over our American roads and streets. In passenger vehicles, shocks, while extremely severe, are not as hard to handle as they are in commercial vehicles because the weight carried and therefore the momentum, is not as great.

"When you consider a load of four tons and the vehicle weighing perhaps three more, making a mass of seven tons, which is broken up and broken back at the rate of thirty or thirty-five miles an hour, you can imagine something of the force that it is necessary to check in coming to a sudden stop or in turning a quick corner, and in every part of the vehicle a shock or stress just a little different than the others must be understood. It is only because, with alloy steels for a base, we can with heat treatment develop material that will withstand almost every conceivable kind and extent of shock that motor cars and trucks, able to stand up under this grilling service, can be produced.

"I recall distinctly a very interesting conversation with Herr Director Schilling, of the Krupp Works, in our laboratory and his expression of surprise at the fact that this company, as gun manufacturers, was largely overlooked the fact that this company is also an enormous producer of cement machinery, farm implements and various kinds of tractors.

Although the director's visit to America and his inspection of our car factories undoubtedly was made chiefly for the purpose of improving the methods employed in the great German shops in the manufacture of motor tractors and farm implements, it is perfectly fair to assume that a great deal of the information secured in America has had its bearing on the production of the great German guns which could never have been produced without properly heat treated alloy steels.

"The director's visit to our laboratories occurred when our investigation of all the steels manufactured in the world was at its height and he was somewhat surprised to discover that in America, our metallurgical work in the production of superquality steels was not only equal to their own but in some details farther advanced."

#### Nebeker Uses Unknown Code.

Assistant Attorney General Warren yesterday received from Marshal Nebeker, who is pursuing the Plutes in Utah, a long telegram in an unknown code. After searching all known department codes for a key to the marshal's puzzling, officials decided to ask Nebeker the name of his code. The marshal's base is at Gayden, Utah, but he and his posse are believed to be miles away in the fastness of the Utah mountains.

#### Fifteen Bid on Hydro-aeroplanes.

Fifteen companies were found to have entered the competitive bidding for the construction of seagoing hydro-aeroplanes for the United States navy when sealed proposals were opened yesterday. It will take several weeks to go over the bids and specifications in order to determine what, if any, promise satisfactory machines at acceptable terms.

# Model for 1915

# Patrol

# \$985

Completely Equipped

READY FOR DEMONSTRATION AND DELIVERIES.

## SPECIFICATIONS

**POWER PLANT**—Unit type, completely enclosed. Three-point suspension.  
**MOTOR**—Four-cylinder, cast on blue, long stroke, 3 1/2-inch bore by 5-inch stroke, developing 32 horsepower. Water cooled. Valve enclosed, interchangeable; all on right hand side of motor, adjustable.  
**IGNITION**—When starter is not applied—high tension magnet.  
**COOLING**—Thermo-syphon system, tubular type radiator of extra capacity.  
**FUEL SUPPLY**—Gravity feed, tank in cowl.  
**LUBRICATION**—Splash feed, constant level type with indicator.  
**CLUTCH**—Multiple disc running in oil.  
**TRANSMISSION**—Selective type, sliding gears; three speeds forward and reverse.  
**DRIVE**—Left-side drive, Jervis and steering gear finished in enamel and nickel.  
**CONTROL**—Gear shifting lever in center of car. Clutch and service brake operated by foot pedal.  
**STEERING GEAR**—Irreversible, worm and sector type.

## ADDITIONAL FEATURES

The biggest car at the price. The lightest car of its class—less than 2,300 pounds; First complete streamline; Worm-driven silent starting motor; Actual one-man top; Four 24-inch doors; Non-slip rear floor; Aluminum and Haslem running and floorboards; 20-operation body finish; Luxurious upholstery; 5 passenger without crowding; Ventilating, roll-up wind-shield; Duplex tire carrier in rear; Rounded radiator with radiator and shield; Tilted searchlight; Emergency search lamp; Electric cigar lighter; Aluminum enameled instrument board. All recording instruments combined in one unit; Positive gasoline gauge; Electric flash oil gauge; Carburetor above frame; Both automatic and manual spark advance; Both foot accelerator and hand throttle; Horn button in center of steering wheel; Williams, H. A. battery; 20 to 25 miles per gallon of fuel; 100 miles to quart of lubricant.

SMITH MOTOR SALES CO., 1823 14th Street N. W.

North 5461

## FIRESTONE "ADS" TEACHING BUYERS

New Ideas in the Campaign Bringing in Good Results.

### PURCHASERS IN EARNEST

Manufacturers Working on Discovery That Owners Insist on Being "Shown."

When advertising smokes out the real reason why certain companies continue to grow in size and volume of output in the face of increasing competition, advertising begins to be truly educational.

The advertising now appearing over the name of the Firestone Tire and Rubber Company is educational. It was written apparently because the question of automobile tire prices has recently been attracting widespread attention, but its purpose goes a good deal deeper than the mere justification of a price or the effort to convince the public as to what Firestone price list means.

The latest Firestone advertising shows how good tires are made—not the phrases but actual tire analysis carried on right under the eyes of the reader. It is to be supposed, of course, that the "Stop! Look! Listen!" kind of advertising will attract more quickly the casual reader than the kind of real studied presentation of the subject that is shown in this recent Firestone advertising.

#### Purchasers Are Students.

But the average car owner is not casual about tires. He wants to know. He knows that the subject of tires and how they are made means almost more to him than the parts of his car. He knows that the subject of tires and how they are made means almost more to him than the parts of his car. He knows that the subject of tires and how they are made means almost more to him than the parts of his car.

Firestone's tire output has increased 78 per cent during the last year, the number of Firestone dealers has been increased by 50 per cent. The Firestone Company believes there is a reason for this. The reason is set forth in the advertising, and it is the kind of advertising that it will pay every tire buyer to read.

## NATIONAL PARLOR CAR IS NEWEST DEPARTURE

Armed Chairs that Can Be Moved Is Latest Feat of Auto Manufacturing Company.

An automobile with arm chairs instead of the regular seats is latest style offering of the company manufacturing National Car. This new car has very appropriately been named the National Parlor Car. It has four individual seats, comfortable arm chairs that are deep and massive and that turn around or move forward and back at will. The advantages of such a car are obvious. It permits the passengers to face one another and enjoy the same sociability while motoring that is obtainable in a room at home. The driver can move his seat near to the steering wheel and pedals or as far away as desired. Often a car driver's seat is not the correct distance from the foot pedals for the wife or daughter, although convenient for the husband.

The parlor car due to its seating arrangement and its completeness of equipment within handy reach on the dash board, makes it easy and simple for women to drive. There is an aisle way between all four seats. In the rear of the body, which is shaped like a boat and is entirely upholstered in the interior, is a folding extra seat that is concealed, but that can be quickly lowered making room for one or more passengers.

Seats being comfortable and

## BERBERICH SPEAKS AT MOTORCYCLE BANQUET

Likes Machine for the Get-up-and-Go Qualities—Only Co-operation Can Make Any Business Pay.

### U. S. WAR AUTO TRUCK FEATURE OF EXHIBIT

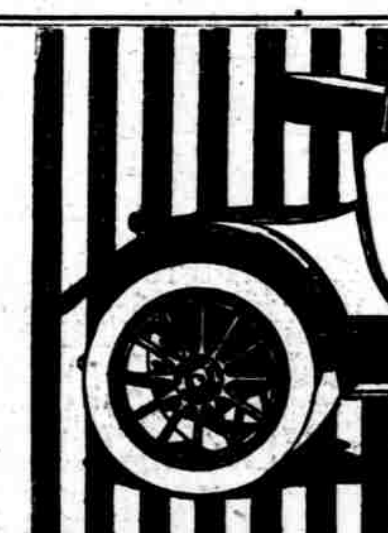
Display of Armored Jeffery Car Attracting Interest at San Francisco Fair.

Considerable interest attaches to the display by the United States government of the Jeffery Quad truck with the armored body, on which is mounted a rapid fire gun, at the San Francisco Exposition.

This is the only armored truck exhibited by the United States and is a duplicate in many ways of the Jeffery Quad trucks which have found such big demand on the part of European buyers during the war.

The Jeffery Quad was selected by the United States only after exhaustive tests had been carried out in the vicinity of Kenosha, Wis., where the Jeffery is manufactured. These tests included driving through mud that was over the hubs, plowing through freshly-tilled ground, climbing a 25 per cent grade, and, in fact, doing features of work which have hitherto been deemed impossible for any motor-driven truck.

The beautiful finish on all Studebaker cars is the result of over sixty years' experience in finishing the highest grade of carriages.



## FRANKLIN "6-30"

\$2,150

The lightest, the most comfortable, and the most economical of all sizes. Why?

Ask these Franklin owners:

Senator William E. Borah.  
Senator Henry F. Lippitt.  
Senator William Alden Smith.  
Maj. Parker W. West.  
Maj. Deane C. Howard.  
Siamese Legation.  
Clark C. Griffith.  
Dr. William B. Mason.  
Dr. M. Crichton.  
Dr. W. B. Carr.  
Dr. Sotheron Key.  
Dr. R. M. Little.

Place your order now to insure prompt delivery in time for Spring use.

DAVID S. HENDRICK, Inc.

1626 Connecticut Avenue.

Washington, D. C.

## TWO TRAINLOADS OF JEFFERYS OFF TO WAR

Fifty-two Flat Cars Bearing Titanic Trucks Shipped to French Army.

Shipments of Jeffery Quad trucks to the French government for use in the European war totaled two trainloads of twenty-six flat cars each last week.

This was the rush delivery of the first trucks to be sent in filling the recent \$1,000,000 truck order placed by Commandant Dulatur, of the French army, with the Thomas B. Jeffery Company.

Jeffery Quad trucks are now in use in six European countries, and the latest Canadian contingent of troops carried with them thirty-two of these new four-wheel drive, steer and brake Jeffery cars.

The Jitney bus project, which is taking the country by storm, is proving the quality of the Studebaker combination baggage and passenger car or "Jitney bus." Sales of these cars for Jitney bus purposes are being made in every part of the country. Four were purchased in Omaha, Neb., in one morning. Two of these were for use in Omaha, and the other two outside of the city.

## Studebaker

Commercial Auto & Supply Co., 817 14th st.

